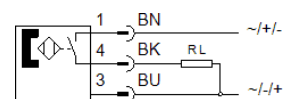
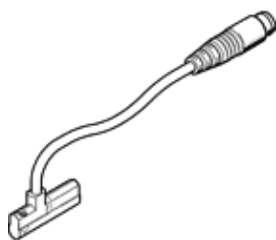


# proximity sensor SME-10-SQ-LED-24

Part number: 173213

FESTO

Electric, with reed contact, for drives with C-slot, with M8 plug.



## Data sheet

Feature	values
Design	for round slot
Conforms to standard	EN 60947-5-2
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Free of copper and PTFE
Measuring principle	Reed magnetic
Ambient temperature	-20 ... 70 °C
Switch output	with contact, bipolar
Switching element function	Normally open contact
Reproducibility of switching value	+/- 0,1 mm
Switch-on time	<= 0.6 ms
Switch-off time	<= 0.05 ms
Max. switching frequency	500 Hz
Max. output current	100 mA
Max. contact rating DC	1 W
Voltage drop	0 V
Short circuit strength	No
Overload withstand capability	Not available
Operating voltage range AC	12 ... 27 V
Operating voltage range DC	12 ... 27 V
Polarity protected	No
Electrical connection	Cable with plug M8x1 3-pin
Connector exit direction	Lateral
Cable length	0.3 m
Materials information, cable sheaths	TPE-U(PUR)
Mounting type	Clamped in round slot Insertable into slot lengthwise
Tightening torque	0.18 Nm
Product weight	5 g
Materials information, housing	Brass PPS TPE-U(PU) High alloy steel, non-corrosive Nickel plated
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP65 IP67
Insulation voltage	50 V
Surge strength	0.8 kV
Degree of contamination	3